



## PUBLIC PAGE

### Quarterly Report

Date of Report: 15 April 2007

Contract Number: DTPH56-05-T-0003

Prepared for: United States Department of Transportation  
Pipeline and Hazardous Materials Safety Administration  
Office of Pipeline Safety

Project Title: "Consolidated Research and Development Program to Assess the Structural Significance of Pipeline Corrosion"

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### **Progress to Date**

In 2002, PRCI issued a Guidance Document (Catalog No. L51958) describing methods for assessing the remaining strength of corroded transmission pipelines. The objective of Project 153M is to revise the Guidance Document by including the output from Project 153H (Corrosion Assessment Guidance for Higher Strength Pipelines); 153J (Remaining Strength of Corroded Pipe Under Secondary (Biaxial) Loading; 153K (Behavior of Corroded Pipelines Under Cyclic Pressure); and 153L (Assessment of Older Corroded Pipelines With Reduced Toughness and Ductility).

Draft reports describing the results have been issued to PRCI and DOT and are currently undergoing reviews. Once the review has been completed, the Guidance Document will be modified to incorporate the output from 153H, J, K and L. Guidance to assess corrosion damage at seam and girth welds developed by Battelle on behalf of PRCI (Contract No. 8521) will also be included in the Guidance Document.

The project is slightly behind schedule because review comments from the PRCI project team for Projects 153H, J, K and L) were received late. The PRCI Project Team has indicated that further work would help to develop a more robust Guidance Document to be delivered. A meeting to discuss how this is best achieved has been planned early in the next quarter (April 2007). It is likely that undertaking additional work will impact on the deliverable schedule. Once discussions have been completed in April 2007, a revised schedule for delivery of the Guidance Document can be issued to DOT.

### **Payable Milestones**

There following payable milestone was completed this period:

- Second Quarterly Status Report Submitted